**Matthew Hefner**

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828-764-5201

**EDUCATION**

**Appalachian State University,** *Boone, NC* August 2017 – August 2019

Bachelor of Science in Mathematics

* Concentration in Computation
* Minor in Computer Science
* Honors: *summa cum laude* (GPA: 3.9/4.0)
* Chancellor’s List 2 Semesters, Dean’s List 1 Semester
* Recognition: *The John W. Taylor and Mary L. Taylor Memorial Scholarship,* April 2018

**Western Piedmont Community College,** *Morganton, NC* August 2012 – May 2013

Associate in Science August 2016 – August 2017

* Honors: *High Honors*  (GPA: 3.93/4.0)
* President’s List 3 Semesters
* Recognition: *Innovative Mathematical Thinking* Award, April 2013

**RELATED COURSEWORK**

Operations Research Statistical Data Analysis Mathematical Models

Computational Mathematics Database Computer Science Sequence

Numerical Methods Data Structures Linear Algebra

**COMPUTER SKILLS**

**Languages:**

* Proficient in: Java, Python, R, HTML, CSS, JavaScript, RMarkdown, TeX
* Familiar with: C, C++, PHP, SQL, x86 Assembly Language

**Software:**

* Proficient with: Maple, MATLAB, Eclipse IDE, RStudio, Microsoft Word and Excel, Git

**EXPERIENCE**

**Mathematics, Statistics, and Computer Science Tutor** August 2012 - Present

Appalachian State University, Western Piedmont Community College, Private

* Lab Manager of the Developmental Mathematics Lab at Appalachian State University
* Developed customized learning strategies for students of courses ranging from developmental to advanced Mathematics
* Utilized clear and concise language to convey complex concepts
* Cultivated students’ passions for critical thinking, problem solving, and oral and written communication of new concepts
* Coordinated study groups and strongly advocated teamwork and collaboration